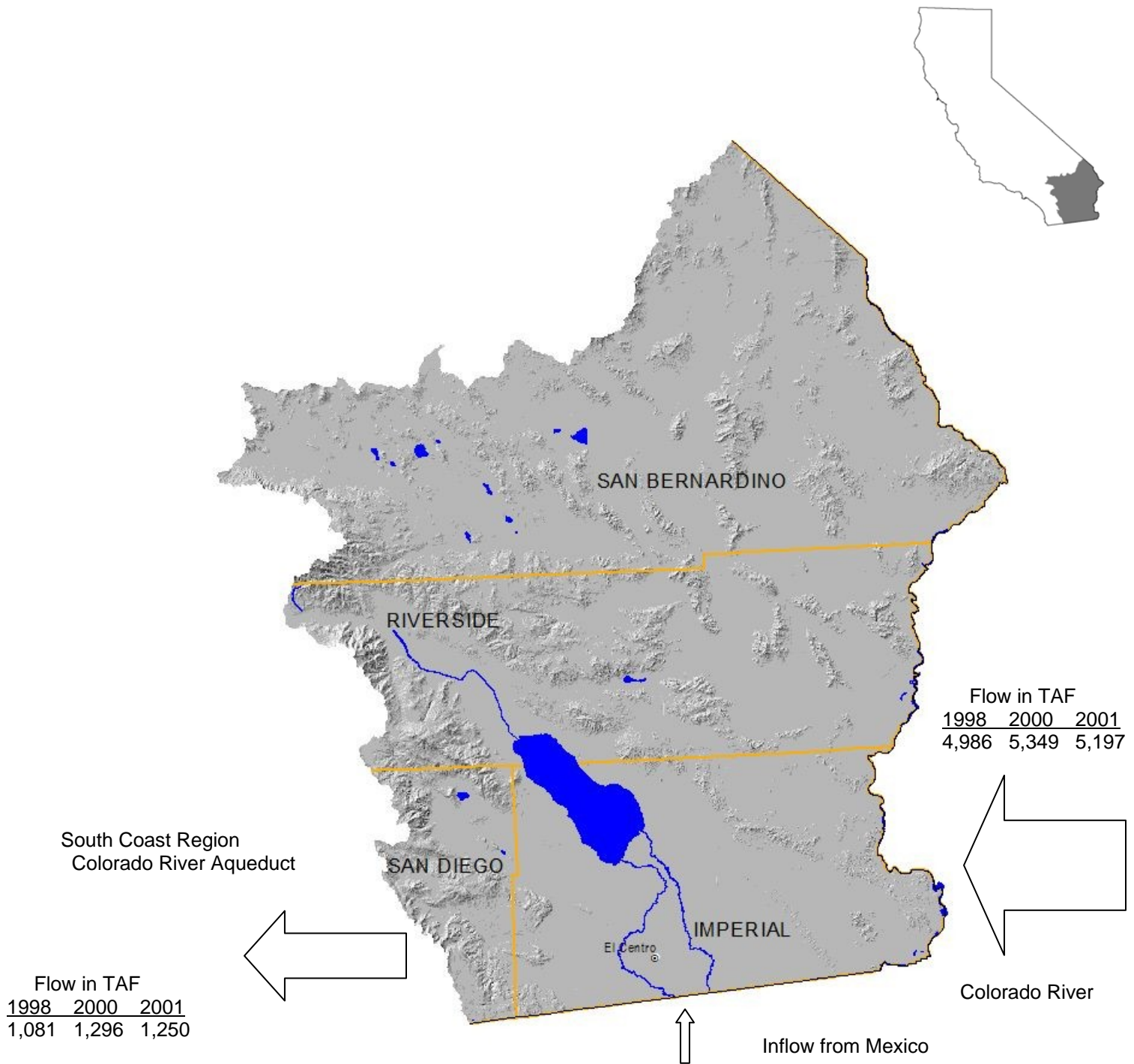


COLORADO RIVER HYDROLOGIC REGION Revised December 6, 2005



Some Statistics

- Area - 19,962 square miles (12.6% of State)
- Average annual precipitation – 5.7 inches
- Year 2000 population - 606,535
- 2030 projected population – 1,166,550
- Total reservoir storage capacity - 620 TAF
- 2000 irrigated crop area - 731,890 acres

COLORADO RIVER HYDROLOGIC REGION WATER BALANCE SUMMARY - TAF

Water Entering the Region – Water Leaving the Region = Storage Changes in Region

	Water Year (Percent of Normal Precipitation)		
	1998 (154%)	2000 (50%)	2001 (80%)
Water Entering the Region			
Precipitation	9,455	3,034	4,770
Inflow from Mexico	182	166	155
Inflow from Colorado River	4,986	5,349	5,197
Imports from Other Regions	0	0	0
Total	14,623	8,549	10,122
Water Leaving the Region			
Consumptive Use of Applied Water * (Ag, M&I, Wetlands)	2,814	2,865	2,775
Outflow to Oregon/Nevada/Mexico	0	0	0
Exports to Other Regions	1,081	1,296	1,250
Statutory Required Outflow to Salt Sink	0	0	0
Additional Outflow to Salt Sink	1,185	1,252	1,228
Evaporation, Evapotranspiration of Native Vegetation, Groundwater Subsurface Outflows, Natural and Incidental Runoff, Ag Effective Precipitation & Other Outflows	9,646	3,320	5,049
Total	14,726	8,733	10,302
Storage Changes in the Region			
[+] Water added to storage			
[-] Water removed from storage			
Change in Surface Reservoir Storage	-15	-19	1
Change in Groundwater Storage **	-88	-165	-181
Total	-103	-184	-180
Applied Water * (compare with Consumptive Use)	4,107	4,288	4,174
* Definition - Consumptive use is the amount of applied water used and no longer available as a source of supply. Applied water is greater than consumptive use because it includes consumptive use, reuse, and outflows.			

****Footnote for change in Groundwater Storage**

Change in Groundwater Storage is based upon best available information. Basins in the north part of the State (North Coast, San Francisco, Sacramento River and North Lahontan Regions and parts of Central Coast and San Joaquin River Regions) have been modeled – spring 1997 to spring 1998 for the 1998 water year and spring 1999 to spring 2000 for the 2000 water year. All other regions and year 2001 were calculated using the following equation:

$$\text{GW change in storage} = \text{intentional recharge} + \text{deep percolation of applied water} + \text{conveyance deep percolation} - \text{withdrawals}$$

This equation does not include the unknown factors such as natural recharge and subsurface inflow and outflow.